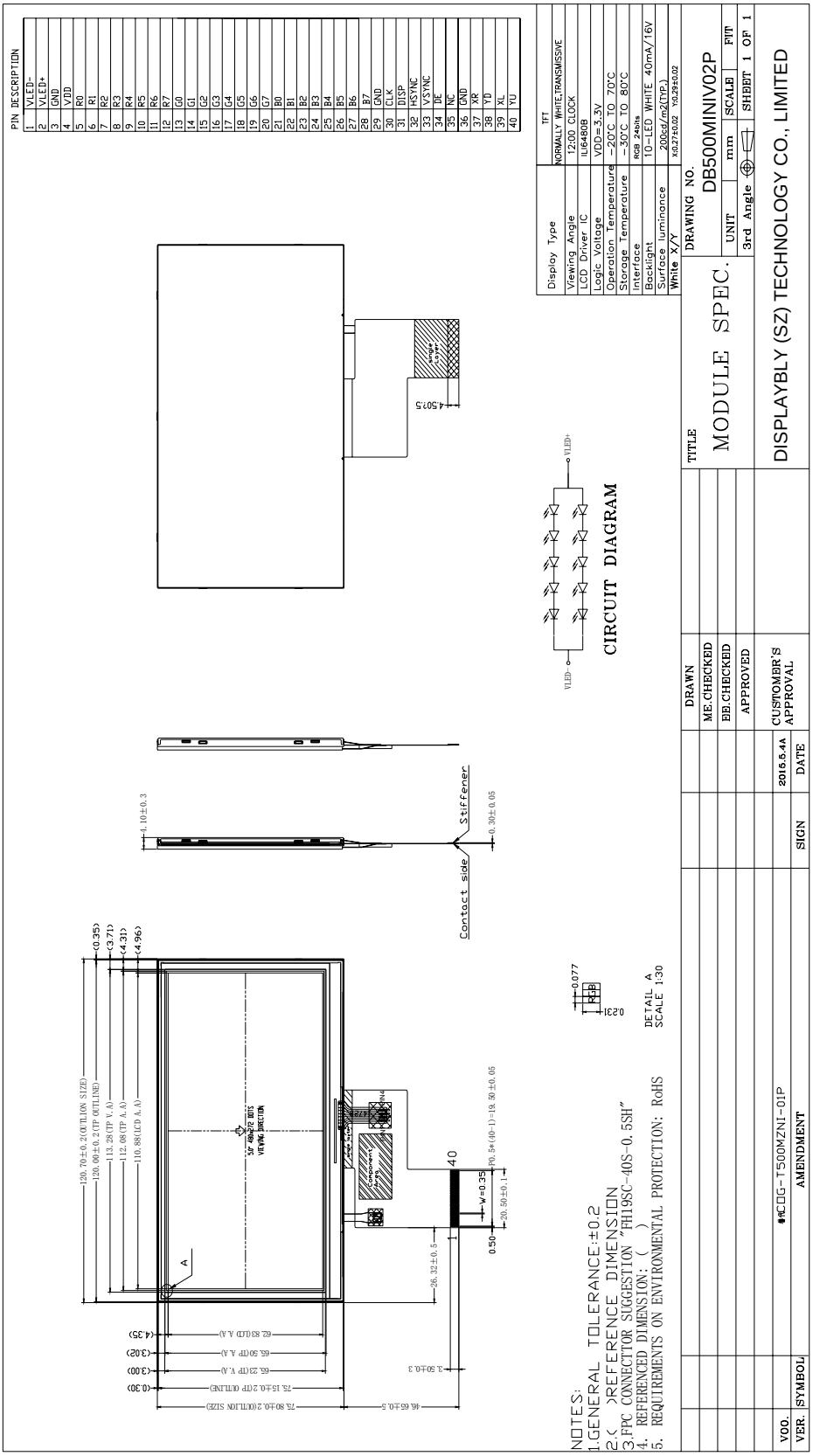
PIN DESCRIPTION
1 VLED-
2 VLED+
3 GND
4 VDD
5 R0
6 R1
7 R2
8 R3
9 R4
10 R5
11 R6
12 R7
13 G0
14 G1
15 G2
16 G3
17 G4
18 G5
19 G6
20 G7
21 B0
22 B1
23 B2
24 B3
25 B4
26 B5
27 B6
28 B7
29 GND
30 CLK
31 DISP
32 HSYNC
33 VSYNC
34 DE
35 NC
36 GND
37 XR
38 YD
39 XL
40 YU
TFT
Display Type NORMALLY WHITE,TRANSMISSIVE
Viewing Angle 12:00 CLOCK
LCD Driver IC IL6480B
Logic Voltage VDD=3.3V
Operation Temperature -20°C TO 70°C
Storage Temperature -30°C TO 80°C
Interface RGB 24bits
Backlight 10-LED WHITE 40mA/16V
Surface luminance 200cd/m2(TYP.)
White X/Y X:0.27±0.02 Y:0.29±0.02
CIRCUIT DIAGRAM
VLED+
VLED-
Stiffener
Contact side
4.5015
4.10±0.3
0.30±0.05
120.70±0.2(OUTLION SIZE)
120.00±0.2(TP OUTLINE)
113.28(TP V.A)
112.08(TP A.A)
110.88(LCD A.A)
50° 40mm/s AUTS
VIEWING DIRECTION
Component Area
40
70.5*(40-1)=19.50±0.05
W=0.35
20.50±0.1
0.50
26.32±0.5
3.50±0.3
62.83(LCD A.A)
65.50(TP A.A)
65.23(TP V.A)
75.15±0.2(TP OUTLINE)
75.80±0.2(OUTLIOV SIZE)
46.65±0.5
A
DETAIL A
SCALE 1:30
NOTES:
1.GENERAL TOLERANCE:±0.2
2.< >REFERENCE DIMENSION
3.FPC CONNECTOR SUGGESTION "FH19SC-40S-0.5SH"
4. REFERENCED DIMENSION: ( )
5. REQUIREMENTS ON ENVIRONMENTAL PROTECTION: RoHS
DRAWN
ME.CHECKED
BB.CHECKED
APPROVED
CUSTOMER'S APPROVAL
2015.5.4A
DATE
SIGN
TITLE
MODULE SPEC.
DRAWING NO.
DB500MINIV02P
UNIT mm
SCALE FIT
3rd Angle
SHEET 1 OF 1
DISPLAYBLY (SZ) TECHNOLOGY CO., LIMITED
V00.
VER.
SYMBOL
AMENDMENT
#CDG-T500MZNI-01P